



Recombinant Arabidopsis thaliana GDP-L-galactose phosphorylase 2 (VTC5)

Product Code	CSB-EP880787DOA
Abbreviation	VTC5
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9FLP9
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MLLKIKRVPT VVSNYQKDET VEEGGCGRNC LSKCCINGAR LPLYTCKNLD KSVGENTESP VTFLESLVIG EWEDRFQRGL FRYDVTACET KVIPGKYGFI AQLNEGRHLK KRPTEFRVVK VLQPFDGKFK NFTKVGQEEL LFQFKASTND DDSEIQFLAS MPLDADNSPS VVAINVSPIE YGHVLLIPRV LDCLPQRIDH KSLLLALQMA AEADNPYFRL GYNLSGAFAT INHLHFQAYY LAMQFPIEKA SSLKITTTNN GVKISKLLNY PVRGLLVEGG NTIKDLADTV SDASVCLQNN NIPFNILISD SGKRIFLLPQ CYAEKQALGE VSSTLLDTQV NPAVWEMSGH MVLKRKEDYE GASEEKAWRL LAEVSLSSEER FREVNTMIFD AIGFSSHEEE EEEELEEQNS MNGGSFTIVH CPSVKEEAVS N
Source	E.coli
Target Names	VTC5
Protein Names	Recommended name: GDP-L-galactose phosphorylase 2 EC= 2.7.7.69 Alternative name(s): Protein VITAMIN C DEFECTIVE 5
Expression Region	1-431
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.